PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY		
To:	PCT	
PAUL FENSTER FENSTER & COMPANY, INTELLECTUAL PROPERTY LTD P.O. BOX 10256 49002 PETACH, TIKVA, ISRAEL	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION	
	(PCT Rule 44.1)	
	Date of mailing (day/month/year) 03 FEB 2006	
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below	
414/04404 International application No.	International filing date (day/month/year) 04 February 2005 (04.02.2005)	
PCT/IL05/00140	(May a second se	
Applicant REABILITY INC.		
The applicant is hereby notified that the international search have been established and are transmitted herewith.	ch report and the written opinion of the International Searching Authority	
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the clai		
When? The time limit for filing such amendments is	normally two months from the date of transmittal of the international	
search report.	D, 34 chemin des Colombettes	
1211 Geneva 20, Switzerianu, Pacsiniio 110.	(1227)	
For more detailed instructions, see the notes on the s	t are not will be established and that the declaration under	
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.		
the protect against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that		
the protest together with the decision thereon has been transmitted to the International Bureau together with the approach is		
no decision has been made yet on the protest; the a	pplicant will be notified as soon as a decision is made.	
Bureau. If the applicant wishes to avoid it posipote problems claim, must reach the International Bureau as provided in Rules preparations for international publication. The applicant may submit comments on an informal basis of the applicant may submit comments on an informal basis.	ate, the international application will be published by the International n, a notice of withdrawal of the international application, or of the priority is 90bis.1 and 90bis.3, respectively, before the completion of the technical on the written opinion of the International Searching Authority to the only of such comments to all designated Offices unless an international	
International Bureau. The International Bureau will selled a preliminary examination report has been or is to be established	ed. These comments would also be made available to the public but not	
Within 19 months from the priority date, but only in responsible examination must be filed if the applicant wishes to postpone to some Offices even later); otherwise, the applicant must, within	the entry into the national phase until 30 months from the priority date (in n 20 months from the priority date, perform the prescribed acts for entry	
In respect of other designated Offices, the time limit of 30 mon	ths (or later) will apply even if no demand is filed within 19 months. the applicable time limits, Office by Office, see the PCT Applicant's Guide,	
Volume II, National Chapters and the WIPO Internet site.		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Docketed By	Danton DeMille Telephone No. (571) 272-3700	
Facsimile No. (571) 273-3201 DOCKETED By Form PCT/ISA/220 (January 2004)	(See notes on accompanying sheet)	
FOIIII FCI MOTERADO CAMANAS ANTANAS AN		
To: ME []	ME C	

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 414/04404	FOR FURTHER ACTION	as well as, wher	form PCT/ISA/220 e applicable, item 5 below. (Earliest) Priority Date (day/month/year)
nternational application No.	International filing date (da 04 February 2005 (04.02.29	uy/month/year) 005)	05 February 2004 (05.02.2004)
pplicant EABILITY INC.			
coording to Article 18. A copy is being	transmitted to the internal		thority and is transmitted to the applicant in this report.
a. With regard to the language, the internations a translation of of a translation b. With regard to any nucleous Certain claims were found Unity of invention is lack. With regard to the title, the text is approved as sufficient to the language, the sum of the language, the langua	e international search was call application in the language the international application furnished for the purposes of tide and/or amino acid sequent unsearchable (See Box No. III)	rried out on the b in which it was fi into f international sea nence disclosed in	asis of:
1 =	ubmitted by the applicant. shed, according to Rule 38.20 from the date of mailing of th	(b), by this Autho is international se	rity as it appears in Box No. IV. The applicant earch report, submit comments to this Authority
as selected by		pplicant failed to s gure better chara	suggest a figure.

Form PCT/ISA/210 (first sheet) (April 2005)

International application No.

PCT/IL05/00140

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internation	Observations where certain claims were round under Article 17(2)(a) for the following reasons: nal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Internat Please See Co.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. Remark o	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-8 **Protest** The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation. No protest accompanied the payment of additional search fees.

International application No.

PCT/IL05/00140

Box IV TEXT OF THE ABSTR	ACT (Continuation	of Item 5 of the first sheet)
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WHI	ABSTR	ACT

The invention relates to a rehabilitation device which guides a patient to perform a motion with a correct spatial trajectory, by the device applying one or more pushing, assisting, reminding, responding and/or resisting forces during a motion (or intent to move) by the patient. The forces are applied by an actuator, for example, a robotic articulated arm or a spherically jointed lever. The applied forces act as a force field, optionally continuous, which impedes and/or guides a patient. The device can be programmable with various trajectories (paths and/or velocities) and/or forces. The forces at one point in the trajectory can vary responsive to an actual trajectory by the patient and/or responsive to a rehabilitation plan and/or improvement of the patient. The device can learn a motion entered by a physiotherapist and replay it for the patient.

International application No.

PCT/IL05/00140

	TOTAL A TUED		
	SIFICATION OF SUBJECT MATTER		
IPC(7) US CL	: A61H 1/02 : 601/5, 33		
According to I	: 601/5, 33 international Patent Classification (IPC) or to both nation	nal classification and IPC	
B. FIELD	S SEARCHED		
Minimum doc	umentation searched (classification system followed by	classification symbols)	
U,S. : 601	1/5, 23, 27-34; A61H 1/00, 1/02		
			1 C 11
Documentatio	n searched other than minimum documentation to the ex	stent that such documents are included	in the neids searched
	ta base consulted during the international search (name	of data base and, where practicable, sea	rch terms used)
Electionic dat	LE UNION SOMBATIVES THE P		
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT		D. J. da Jain No.
Category *	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.
X	US 4,936,299 A (ERLANDSON) 26 JUNE 1990 (26.0	6.1990) see entire document	1-0
	·		
Α	US 5,211,161 A (STEF) 18 MAY 1993 (18.05.1993)		
Α	US 5,466,213 A (HOGAN et al) 14 NOVEMBER 199	95 (14.11.1995)	
Α	US 5,391,128 A (deBear) 21 FEBRUARY 1995 (21.02.1995)		
Α	US 5,454,774 A (DAVIS) 03 OCTOBER 1995 (01.10).1995)	
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Furthe	er documents are listed in the continuation of Box C.	See patent family annex.	to estimate filling data or priority date
*	Special categories of cited documents:	and not in conflict with the applicati	nternational filing date or priority date on but cited to understand the
"A" docume	nt defining the general state of the art which is not considered to be of	principle or theory underlying the in	vention
particula	ar relevance	"X" document of particular relevance; the considered novel or cannot be consi	e claimed invention cannot be
"E" carlier a	pplication or patent published on or after the international filing date	considered novel of campa be consi when the document is taken alone	deleg to mydrio tax mi sam 1
"L" docume	ent which may throw doubts on priority claim(s) or which is cited to	"Y" document of particular relevance; the	ne claimed invention cannot be
establisl specifie	th the publication date of another citation or other special reason (as d)	the state of the second of the	step when the document is combined ents, such combination being obvious
-	ent referring to an oral disclosure, use, exhibition or other means	to a person skilled in the art	•
1	ent published prior to the international filing date but later than the	"&" document member of the same pate	ent family
"P" docume priority	ent published prior to the international ming data out that the international ming data out the internation ming		
	actual completion of the international search	Date of mailing of the international s	EEB 2006
04 Novemb	per 2005 (04.11.2005)	Amorized officer	
Name and	mailing address of the ISA/US fail Stop PCT, Attn: ISA/US	1/ Leu K	
	Commissioner for Patents	Danton DeMille	
P	P.O. Box 1450 Alexandria, Virginia 22313-1450	Telephone No. (571) 272-3700	
Facsimile l	No. (571) 273-3201		
	SA/210 (second sheet) (April 2005)		

International application No. PCT/IL05/00140

BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-8, drawn to a rehabilitation device including a frame, an actuator and a joint interconnecting the frame and the actuator.

Group II, claim(s) 9-11, drawn to a method of setting up a rehabilitation system.

Group III, claim(s) 12-36, drawn to a rehabilitation device including a joint, a substantially rigid radial extension and a controller.

Group IV, claim(s) 37, drawn to a balance rehabilitation device including an actuator and a weight.

Group V, claim(s) 38-44, drawn to a method of rehabilitation comprising assisting motion, resistance to motion and compliance to motion without electro-mechanical feedback loop.

Group VI, claim(s) s 45-49, drawn to a rehabilitation device including a motor which prevents back-driving of the motor.

Group VII, claim(s) 50-51, drawn to a rehabilitation device comprising a motor and slot to drive a lever with a spring providing resilience to motion.

Group VIII, claim(s) 52-53, drawn to a multi-axis resilient element with two sets of joints.

Group IX, claim(s) 54-57, drawn to a rehabilitation device including a motor and spring coupled to the motor that is settable.

Group X, claim(s) 58, drawn to a telescoping mechanism.

Group XI, claim(s) 59-65, drawn to a portable rehabilitation device that has two configurations.

Group XII, claim(s) 66-69, drawn to a rehabilitation device comprising a separable element interconnecting a motor and a lever.

Group XIII, claim(s) 70-73, drawn to a rehabilitation device with a controller adapted to identify a safety problem.

Group XIV, claim(s) 74-78, drawn to a rehabilitation docking station with a docking port adapted for locking to a patient carrier.

The inventions listed as Groups I-XIV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the rehabilitation devices recite their own specific requirement that is different from any of the other rehabilitation devices. The methods also require specific steps that are

International application No.
PCT/IL05/00140

different from the other method claims and devices. devices.	The telescoping mechanism doesn't require any of the details of the rehabilitation
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